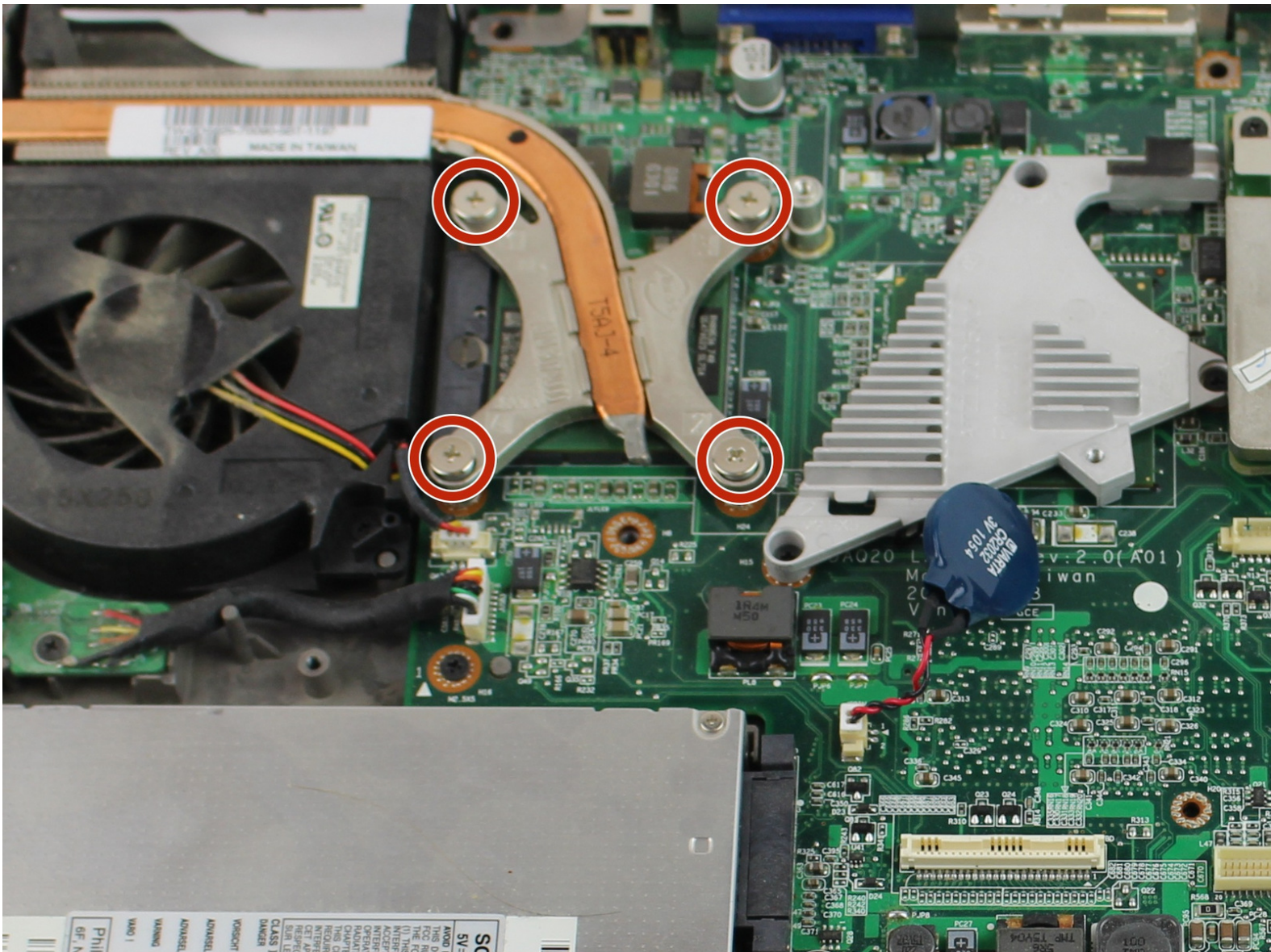




# Dell Inspiron 9300 Processor Replacement

Replacing the Processor (CPU)

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## INTRODUCTION

This guide will demonstrate how to remove and replace you CPU.

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### TOOLS:

- [Heavy-Duty Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
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## Step 1 — Prerequisite Only



- Remove the battery prior to working on any internal components.
  - Remove the twelve 6mm Phillips screws from the bottom of the case.
- ⚠ Remove the battery before working on internal components to ensure a safe working environment.

## Step 2



- Gently pry away the silver bezel above the keyboard and below the display using a spudger.
- ① Start on the right hand side, where there is a notch in the bezel for easiest removal.

## Step 3



- Remove the two 5mm Phillips screws retaining the keyboard.
- Pull the keyboard up and toward the monitor to reveal the ribbon cable beneath.
- Firmly grasp the blue tape attached to the keyboard ribbon cable connector and pull upward away from the motherboard.

## Step 4



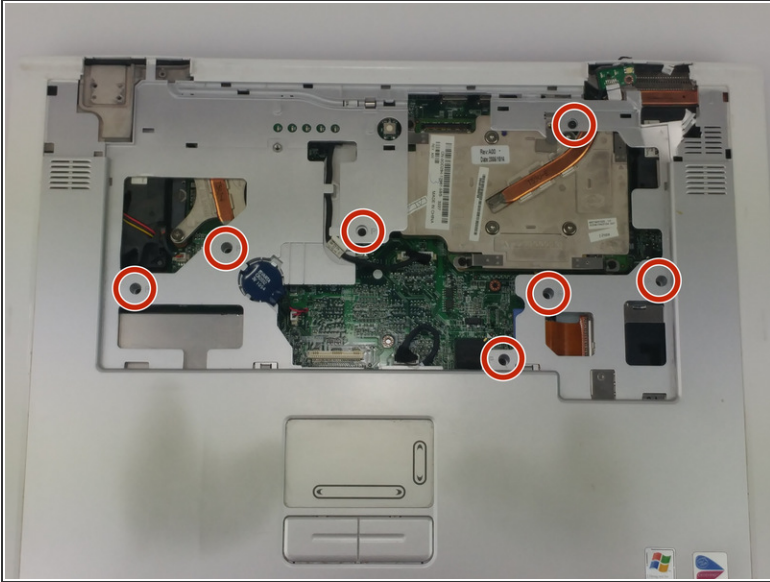
- Firmly grasp the blue tape attached to the LCD display ribbon cable connector and pull upward away from the motherboard.
- Remove the two 5mm Phillips screws holding the display hinge on both sides of the laptop.



Support the display as you loosen the hinges, to avoid the screen falling and breaking.

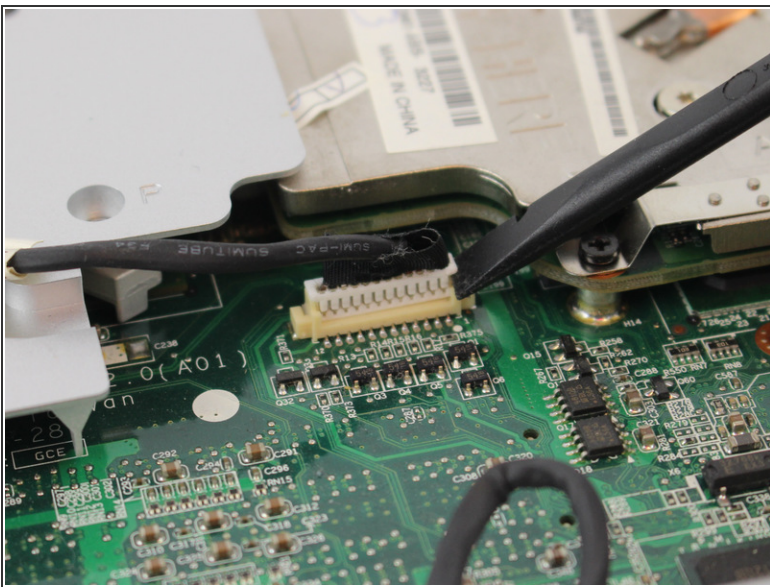


## Step 5



- Remove the seven 6mm Phillips screws holding the trackpad/palm rest to the motherboard.
- Gently pry the CMOS battery out of its retaining clip using a spudger.

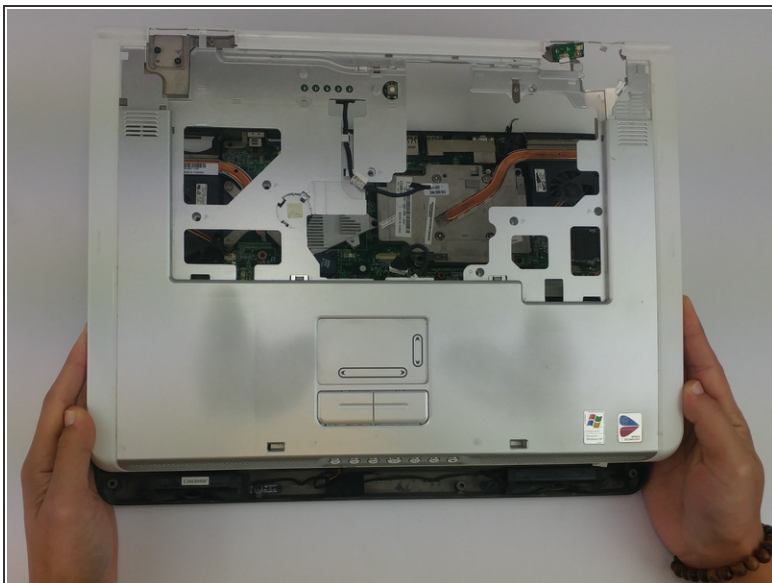
## Step 6



- Remove the low profile connector for the keyboard status lights located next to the video card heat sink using a spudger.
- Remove the trackpad ribbon cable from the motherboard using a spudger.

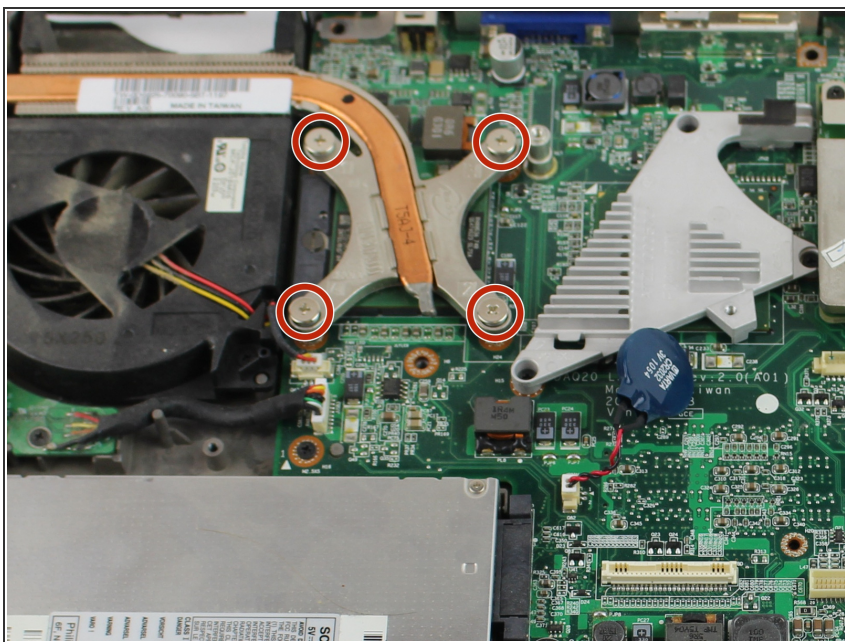


## Step 7



- Pull up and away on the track pad to expose the internal components below.

## Step 8 — Processor



- Loosen the four silver Phillips screws in a criss-cross pattern retaining the heatsink to the cpu.

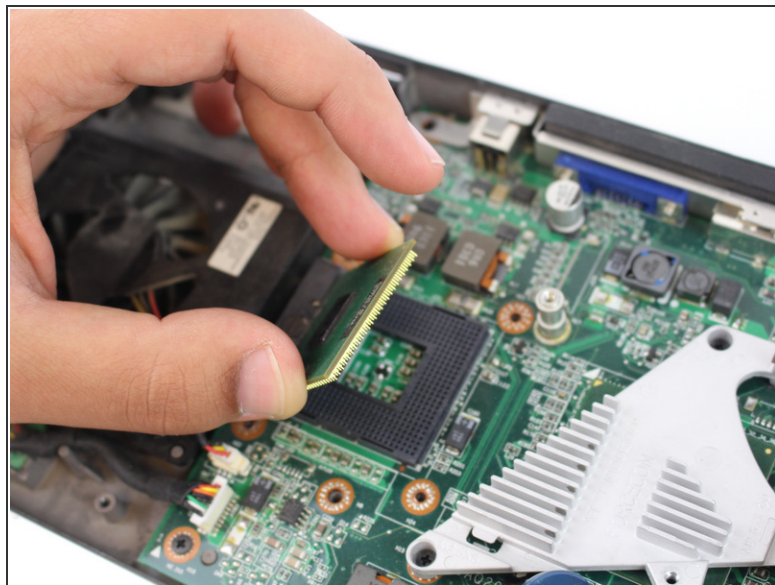
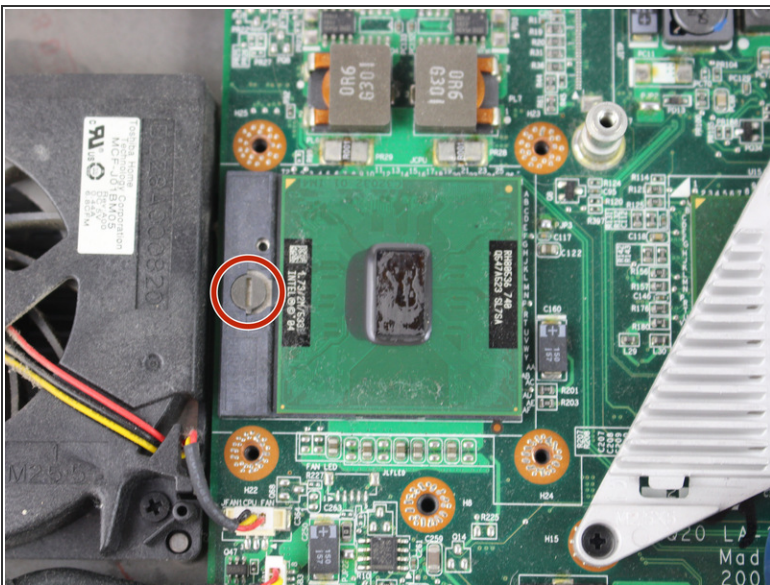


## Step 9



- Gently lift up on the heatsink to reveal the CPU below.

## Step 10



- Gently loosen but do not remove the flathead screw.
- Lift the CPU away from the motherboard, taking care to not damage the gold pins.
- ⓘ You will have to remove and replace the [How to Apply Thermal Paste](#) on the CPU base.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-07-16 02:56:04 AM.